

PATENT CLAIMS

1. Caliper brake for a brake disc particularly in elevator drives, comprising a brake body (1) mounted to float on a fixed bolt (7), a caliper (2) straddling brake disc (3) on the periphery thereof, and a solenoid (14) integrated in brake body (1) to magnetically attract a spring-biased armature disc (4) against brake body (1), said armature disc (4) and the axially opposite portion of caliper (2) having friction linings (5, 6) thereon to engage the two faces of brake disc (3), characterized in that a dual-arm rocker lever (8) is pivotally mounted on fixed bolt (7) or bracket (17) or on any component equivalent thereto, the rocker lever having a tongue (15B) connected to the peripheral surface of armature disc (4) and another tongue (15A) connected to the caliper, said connections being such that, as the brake disengages, rocker lever (8) converts the path of armature disc (4) to an oppositely directed movement of caliper (2) so as to provide an air gap (s/2) on either side of brake disc (3).

2. Caliper brake as in claim 1, characterized in that rocker lever (8) comprises two mutually parallel sections (8A, 8B) tangential to both sides of fixed bolt (7), said sections clinging to bolt (7) through adhesive friction exerted by friction linings (9) to so define a movable fulcrum (13) on fixed bolt (7).